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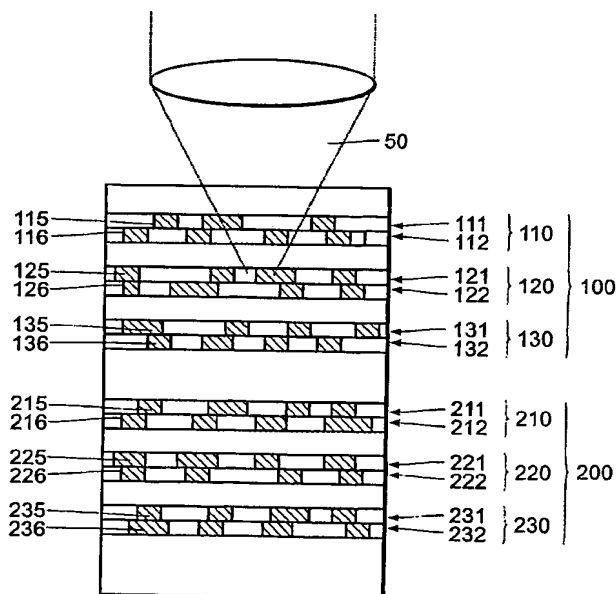
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- (71) Applicant (*for all designated States except US*): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **KURT, Ralph** [DE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BAKKERS, Erik, P., A., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ,*

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(54) Title: OPTICAL INFORMATION RECORDING MEDIUM



(57) Abstract: The invention relates to an optical information recording medium and methods and devices to record and read information thereto and thereof. The optical information recording medium comprises luminescent nano-elements. The nano-element species differ in at least one luminescence wavelength. Therefore, a specific luminescence signal is obtained in accordance with the nano-element species irradiated by a reading light beam. Methods and devices to record and read information by using such optical information recording media are also described.